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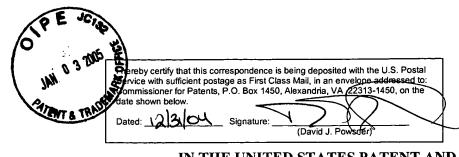
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Application Number	10/676,726-Conf. #2945
Filing Date	October 1, 2003
First Named Inventor	Richard D. Thornton
Art Unit	2834
Examiner Name	B. S. Mullins
Attorney Docket Number	102320-0037

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X Fee Transa	mittal Form	Drawing(s)		After Allowance Communication to TC			
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Printed name	David J. Powsner	C 1					
Date	12/31/0	N	Reg. No.	31,868			

Transmittal	
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Docket No.: 102320-0037

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Richard D. Thornton et al.

Application No.: 10/676,726

Confirmation No.: 2945

Filed: October 1, 2003

Art Unit: 2834

For:

Examiner: B. S. Mullins

SUSPENDING, GUIDING AND PROPELLING VEHICLES USING

MAGNETIC FORCES

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the publications listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each publication on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this

Application No.: 10/676,726 Docket No.: 102320-0037

Information Disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patenability as defined in § 1.56 (b).

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 102320-0037.

Dated: 12/31/04

By David J. Powsner

Registration No.: 31,868

Respectfully submitted

NUTTER MCCLENNEN & FISH LLP

World Trade Center West 155 Seaport Boulevard

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Attorney for Applicant

1372914.1

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Application Number	10/676,726-Conf. #2945				
Filing Date	October 1, 2003				
First Named Inventor	Richard D. Thornton				
Art Unit	2834				
Examiner Name	B. S. Mullins				
Attorney Docket Number	102320-0037				

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	BA	EP 1283586 A1	02-12-2003	Ohto, Motomichi					

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		NON PATENT LITERATURE DOCUMENTS	
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	CA	Hor, P. J., et al. "Minimization of Cogging Force in a Linear Permanent Magnet Motor", IEEE Transactions on Magnetics, Vol. 34., No. 5, September 1998, pp.3544-3547.	
	СВ	Koh, Chang Seop, "New Cogging-Torque Reduction Method for Brushless Permanent-Magnet Motors", IEEE Transactions on Magnetics, Vol. 39, No. 6, November 2003, pp.3503-3506.	
	CC	Zyl, AW van and CF Landy, "Reduction of Cogging Forces in a Tubular Linear Synchronous Motor by Optimising the Secondary Design", IEEE Africon, pp.689-692 (2002).	
	CD	Zhu, Z.Q., et al., "Reduction of cogging force in slotless linear permanent magnet motors", IEE ProcElectr. Power Appl., Vol. 144, No. 4, July 1997, pp.277-282.	
	CE	Zhu, Z.Q., et al., "Novel Linear Tubular Brushless Permanent Magnet Motor", EMD97, 1-3, September 1997, Conference Publication No. 444, IEE 1997, pp.91-95.	
	CF	Breton, C., et al., "Influence of Machine Symmetry on Reeduction of Cogging Torque in Permanent-Magnet Brushless Motors", IEEE Transactions on Magnetics, Vol. 36, No. 5, September 2000, pp.3819-3823.	
	CG	Li, Touzhu and Gordon Slemon, "Reduction of Cogging Torque in Permanent Magnet Motors", IEEE Transactions on Magnetics, Vol. 24, No. 6, November 1988, pp.2901-2903.	,

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Application No. (if known): 10/676,726

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